

# cDASY6 Module WPT Measurement Report

## Device under test

Info:  
not set

Serial number:  
not set

Scenario:  
not set

## Tool info

DASY software version:  
cDASY6 Module WPT 2.0.0.2607

Probe model, serial and calibration date:  
MAGPy-8H3D+E3Dv2, WP000201, 2023/06/26

Software version:  
2.0.27, backend: 0.9.0

## Scan info

Center location:  
x: 7.17 mm, y: 2.14 mm, z: 7.87 mm

Dimensions:  
x: 169.0 mm, y: 301.0 mm, z: 36.7 mm

Resolution:  
x: 7.33 mm, y: 7.33 mm, z: 7.33 mm

Completed on:  
2023/07/11 14:13:26

## Measurement results

Maximum H-field [RMS]:

MAGNITUDE: 1.17 A/m

x: 997.80 mA/m, y: 7.24 mA/m, z: 611.93 mA/m

Maximum H-field location relative to DUT:

x: 18.33 mm, y: -62.33 mm, z: 7.83 mm

Maximum E-field [RMS]:

MAGNITUDE: 196.01 mV/m

x: 195.99 mV/m, y: 1.37 mV/m, z: 1.91 mV/m

Maximum E-field location relative to DUT:

x: 14.67 mm, y: 132.00 mm, z: 500.00  $\mu$ m

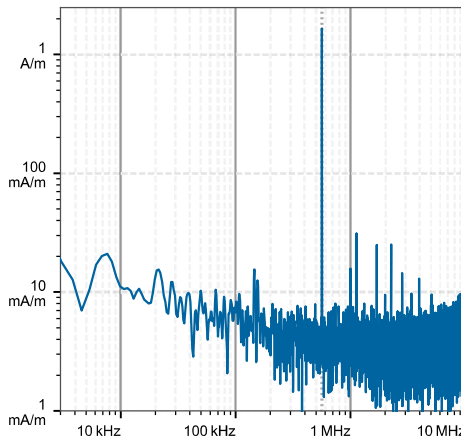
Distance to -20.0 dB boundary:

32.80 mm

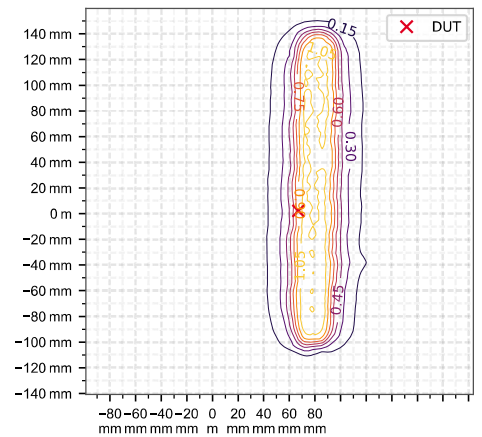
Offset relative to DUT:

x: 0.00 m, y: 0.00 m, z: 500.00  $\mu$ m

## H-field magnitude [RMS] at maximum location



## H-field magnitude [RMS] at lowest plane



## Incident fields, and induced quantities in the anatomical model ( $f = 562.50$ kHz, $\sigma = 0.750$ S/m, tissue density = $1,000$ kg/m<sup>3</sup>)

Distance [mm]	Peak incident fields		Peak $E_{ind}$ [V/m, RMS]			Peak $J_{ind}$ [A/m <sup>2</sup> , RMS]	psSAR [mW/kg]		H-field extent -20 dB radius [mm]	Errors		
	$H_{inc}$ [A/m, RMS]	$E_{inc}$ [V/m, RMS]	Cube avg.	Local	Line avg.		Surface avg.	1g avg.		10g avg.	Sign	Vector potential
0.5	2.68	0.196	0.0741	0.081	0.0776	0.04	0.00184	0.000757	73.3	14%	272%	82%
2.0	2.35	0.182	0.0629	0.0686	0.0658	0.035	0.0014	0.000565	73.9	14%	272%	75%

## Standard compliance evaluation (with multi-frequency enhancement, total field evaluation)

Distance [mm]	ICNIRP 2010/2020 [dB]				ICNIRP 1998 [dB]				IEEE 2019 [dB]				FCC [dB]				HC Code 6 [dB]			
	Peak $H_{inc}$	Peak $E_{inc}$	Peak $E_{ind}$	psSAR	Peak $H_{inc}$	Peak $E_{inc}$	Peak $J_{ind}$	psSAR	Peak $H_{inc}$	Peak $E_{inc}$	Peak $E_{ind}$	psSAR	Peak $H_{inc}$	Peak $E_{inc}$	Peak $E_{ind}$	psSAR	Peak $H_{inc}$	Peak $E_{inc}$	Peak $E_{ind}$	psSAR
0.5	-10.2	-52.5	-60.2	-64.2	6.3	-52.9	-29.0	-64.2	-27.7	-69.9	-63.6	-64.2	4.3	-69.9	-60.2	-59.4	6.3	-52.5	-59.4	-59.4
2.0	-11.4	-53.2	-61.6	-65.5	5.2	-53.6	-30.1	-65.5	-28.8	-70.6	-65.0	-65.5	3.2	-70.6	-61.6	-60.6	5.2	-53.2	-60.9	-60.6

## Standard compliance evaluation (coverage factor-adjusted) (with multi-frequency enhancement, total field evaluation)

Distance [mm]	ICNIRP 2010/2020 [dB]				ICNIRP 1998 [dB]				IEEE 2019 [dB]				FCC [dB]				HC Code 6 [dB]			
	Peak $H_{inc}$	Peak $E_{inc}$	Peak $E_{ind}$	psSAR	Peak $H_{inc}$	Peak $E_{inc}$	Peak $J_{ind}$	psSAR	Peak $H_{inc}$	Peak $E_{inc}$	Peak $E_{ind}$	psSAR	Peak $H_{inc}$	Peak $E_{inc}$	Peak $E_{ind}$	psSAR	Peak $H_{inc}$	Peak $E_{inc}$	Peak $E_{ind}$	psSAR
0.5	-10.2	-52.5	-44.8	-64.2	6.3	-52.9	-29.0	-64.2	-27.7	-69.9	-53.6	-64.2	4.3	-69.9	-44.8	-59.4	6.3	-52.5	-41.0	-59.4
2.0	-11.4	-53.2	-46.2	-65.5	5.2	-53.6	-30.1	-65.5	-28.8	-70.6	-55.0	-65.5	3.2	-70.6	-46.2	-60.6	5.2	-53.2	-42.4	-60.6

Coverage factors:  $w_{E_{ind}, cube avg.} = [5.900, 5.909]$ ,  $w_{E_{ind}, line avg.} = [3.171, 3.175]$

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MAGPy-8H3D+E3Dv2, WP000201, 2023/06/26

Software version:  
2.0.27, backend: 0.9.0

## Scan info

Center location:  
x: 7.34 mm, y: 2.19 mm, z: 14.89 mm

Dimensions:  
x: 169.0 mm, y: 301.0 mm, z: 36.7 mm

Resolution:  
x: 7.33 mm, y: 7.33 mm, z: 7.33 mm

Completed on:  
2023/07/11 14:46:02

## Measurement results

Maximum H-field [RMS]:

MAGNITUDE: 507.34 mA/m

x: 265.60 mA/m, y: 5.42 mA/m, z: 432.23 mA/m

Maximum H-field location relative to DUT:

x: 18.33 mm, y: -62.33 mm, z: 14.83 mm

Maximum E-field [RMS]:

MAGNITUDE: 118.05 mV/m

x: 118.03 mV/m, y: 523.45  $\mu$ V/m, z: 2.12 mV/m

Maximum E-field location relative to DUT:

x: 14.67 mm, y: 139.33 mm, z: 7.50 mm

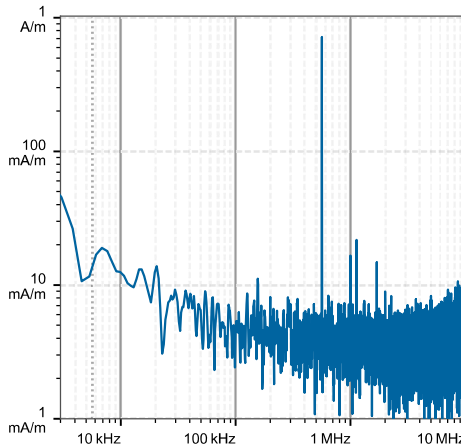
Distance to -20.0 dB boundary:

44.61 mm

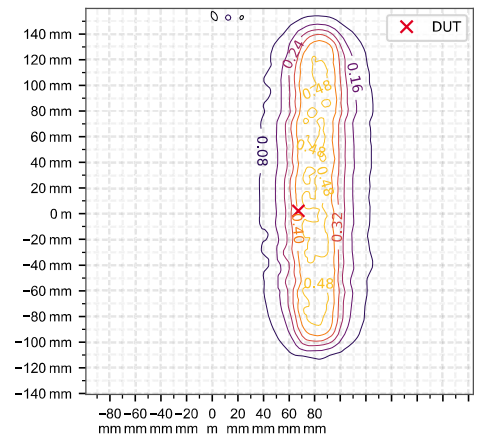
Offset relative to DUT:

x: 0.00 m, y: 0.00 m, z: 7.50 mm

## H-field magnitude [RMS] at maximum location



## H-field magnitude [RMS] at lowest plane



## Incident fields, and induced quantities in the anatomical model (f = 585.78 kHz, $\sigma = 0.750$ S/m, tissue density = 1,000 kg/m<sup>3</sup>)

Distance [mm]	Peak incident fields		Peak E <sub>ind</sub> [V/m, RMS]			Peak J <sub>ind</sub> [A/m <sup>2</sup> , RMS]	psSAR [mW/kg]		H-field extent	Errors		
	H <sub>inc</sub> [A/m, RMS]	E <sub>inc</sub> [V/m, RMS]	Cube avg.	Local	Line avg.	Surface avg.	1g avg.	10g avg.	-20 dB radius [mm]	Sign	Vector potential	Boundary effect
7.83	0.979	0.117	0.0343	0.0353	0.0352	0.0216	0.000483	0.000239	84.0	10%	178%	60%

## Standard compliance evaluation (with multi-frequency enhancement, total field evaluation)

Distance [mm]	ICNIRP 2010/2020 [dB]				ICNIRP 1998 [dB]				IEEE 2019 [dB]				FCC [dB]				HC Code 6 [dB]			
	Peak H <sub>inc</sub>	Peak E <sub>inc</sub>	Peak E <sub>ind</sub>	psSAR	Peak H <sub>inc</sub>	Peak E <sub>inc</sub>	Peak J <sub>ind</sub>	psSAR	Peak H <sub>inc</sub>	Peak E <sub>inc</sub>	Peak E <sub>ind</sub>	psSAR	Peak H <sub>inc</sub>	Peak E <sub>inc</sub>	Peak E <sub>ind</sub>	psSAR	Peak H <sub>inc</sub>	Peak E <sub>inc</sub>	Peak E <sub>ind</sub>	psSAR
7.83	-18.6	-57.0	-67.2	-69.2	-2.1	-57.4	-34.7	-69.2	-36.0	-74.4	-70.8	-69.2	-4.4	-74.4	-67.2	-65.2	-2.1	-57.0	-67.0	-65.2

## Standard compliance evaluation (coverage factor-adjusted) (with multi-frequency enhancement, total field evaluation)

Distance [mm]	ICNIRP 2010/2020 [dB]				ICNIRP 1998 [dB]				IEEE 2019 [dB]				FCC [dB]				HC Code 6 [dB]			
	Peak H <sub>inc</sub>	Peak E <sub>inc</sub>	Peak E <sub>ind</sub>	psSAR	Peak H <sub>inc</sub>	Peak E <sub>inc</sub>	Peak J <sub>ind</sub>	psSAR	Peak H <sub>inc</sub>	Peak E <sub>inc</sub>	Peak E <sub>ind</sub>	psSAR	Peak H <sub>inc</sub>	Peak E <sub>inc</sub>	Peak E <sub>ind</sub>	psSAR	Peak H <sub>inc</sub>	Peak E <sub>inc</sub>	Peak E <sub>ind</sub>	psSAR
7.83	-18.6	-57.0	-51.6	-69.2	-2.1	-57.4	-34.7	-69.2	-36.0	-74.4	-60.6	-69.2	-4.4	-74.4	-51.6	-65.2	-2.1	-57.0	-48.4	-65.2

Coverage factors:  $w_{E_{ind}, cube\ avg.} = [6.059]$ ,  $w_{E_{ind}, line\ avg.} = [3.240]$